

## NEW AUSTRALIAN TORTRICINA.

By OSWALD B. LOWER, F.Z.S., F.E.S., etc.

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## TORTRICIDÆ.

## CAPUA EPIPEPLA, n. sp.

♂, 14 mm. Head, palpi, and thorax pale-ochreous. Antennæ whitish. Legs ochreous-whitish. Forewings elongate, moderate, costa arched, termen nearly straight; 7 and 8 long-stalked; pale-ochreous, irregularly strigulated with fuscous-ferruginous, and with fuscous-ferruginous markings; costal fold rather broad, dull-ochreous; basal patch obsolete, only indicated by a small patch of apparently raised scales on dorsum at  $\frac{1}{3}$ ; median patch rather narrow, very oblique from middle of costa to middle of wing, thence becoming confused and blotch-like, terminating just above tornus, below which the ground colour is mixed with ferruginous-fuscous; a moderate, somewhat triangular costal patch, from  $\frac{3}{5}$  costa to apex, lower edge terminating on middle of termen; between this and median patch is a thick streak of ground colour, which becomes a quadrate spot on costa; an extreme apical streak of ground colour. Hindwings whitish-ochreous, darker posteriorly; cilia pale-ochreous.

Cooktown, Queensland. One specimen: in November.

## CAPUA (?) TRIPSELIA, n. sp.

♂, 14 mm. Head and antennæ fuscous. Palpi ochreous-fuscous. Thorax grey-whitish, with a posterior fuscous quadrate spot. Legs ochreous-whitish, posterior pair paler. Abdomen grey. Forewings rather broad, costa strongly arched, apex obtuse, termen bowed; pale-grey-whitish, irrorated throughout with fine fuscous strigulæ; markings well defined; brownish-ochreous; outer edge of basal patch from beyond  $\frac{1}{5}$  costa to  $\frac{1}{2}$  dorsum, becoming blotch-like on lower half and containing a dull leaden spot immediately above dorsum; anterior edge of median patch from before middle of costa to middle of dorsum; posterior edge from middle of costa, thence very obliquely curved to tornus, causing the patch to appear narrow on costa, thence rapidly dilated to tornus; a moderately broad, elongate, triangular patch on apical fourth of costa and termen, continued obliquely along termen to above tornus; a narrow streak of ground colour

along termen, from apex to termination of patch; cilia grey-whitish. Hindwings and cilia grey-whitish.

I doubtfully refer this species to *Capua* on account of the form of the palpi, which are somewhat approximated to the face, and veins 7 and 8 of forewings being extremely long-stalked.

Kuranda (Dodd) and Cooktown (Olive). Three specimens; in September.

POLYLOPHA ELAPHRIS, n. sp.

♂, 12 mm. Head and palpi white, second joint of palpi beneath at base, sharply dark-fuscous, terminal joint fuscous. Antennæ and thorax fuscous. Abdomen ochreous. Anterior and middle legs whitish, tibiæ irregularly spotted with fuscous, tarsi banded with fuscous; posterior legs whitish-ochreous, tarsi white. Forewings elongate, moderate, costa gently arched, termen straight; surface with raised scales; 7 and 8 separate, both to costa; white, with fuscous markings; three spots on costa, first, smallest, at base; third, largest, at  $\frac{1}{5}$ ; a dull-fuscous shade, thickly irrorated with fuscous and dark-fuscous spots throughout, extending from base along dorsum to just beyond  $\frac{2}{3}$ , limited on upper edge by cellular vein, on which are placed 3 or 4 dark-ferruginous spots, almost meeting costal spots; a moderately large dark-fuscous spot in middle of wing, resting on upper edge of shade; a broad, irregular fuscous shade along termen, narrowing towards tornus, with a darker-fuscous median shade, which is curved in on termen in middle and there becoming black, thence continued suffusedly to tornus; space between median shade and termen spotted with white; a more or less interrupted ferruginous-fuscous line along termen; cilia dark-fuscous. Hindwings brownish-ochreous; cilia grey, with a fuscous median line.

North Queensland. Two specimens, received from Mr. Dodd; taken in December.

ACANTHOTHYSPODA, n. g.

Thorax smooth. Antennæ of ♂ ciliated (1). Palpi moderate, somewhat appressed to face, second joint roughly scaled, terminal joint short, distinct. Posterior coxæ and tarsi clothed with thick spinous scales, forming a dense mass. Abdomen clothed with long, coarse hairs, especially laterally, beneath smooth. Forewings elongate, costa simple, 7 and 8 separate, 7 to termen. Hindwings elongate, trapezoidal, 6 and 7 from a point, 3, 4, and 5 approximated at base.

Type *elæodes*.

## A. ELÆODES, n. sp.

♂, 14-15 mm. Head, palpi, and thorax dull-green, palpi tinged with ferruginous. Antennæ ochreous. Abdomen dull-grey, thickly clothed above and on sides with long black hairs (absent in ♀), beneath smooth. Legs blackish, anterior and middle tibiæ banded with ochreous-white, posterior pair wholly blackish, with a prominent thick patch of spine-like scales on coxæ (absent in ♀). Forewings elongate, moderate, costa hardly arched, termen nearly straight, hardly oblique; pale-dull-greenish, with ferruginous-fuscous markings; wing more or less crossed by waved oblique strigulæ; outer edge of basal patch obscure, from  $\frac{1}{8}$  costa to  $\frac{1}{5}$  dorsum; median patch rather narrow, well developed, very oblique, from about middle of costa to dorsum just before tornus, barely reaching dorsum in ♀; a moderately large rhomboid patch in middle, just before termen, edged on anterior edge by a fine line of silvery-grey; costa between base and outer edge of basal patch strongly strigulated; costa between outer edge of median patch and apex with three somewhat small quadrate spots, separated by spots of whitish, each containing a minute blackish spot, last of the three costal spots continued as a fine line to middle of termen; a small spot at apex; cilia ferruginous-fuscous, with a blackish basal line.

Cooktown and Cairns (Dodd), Queensland. Two specimens; in October. I have a specimen from New Guinea, which appears to be this species, but not being in the best of condition admits of some doubt.

## EPITRICHOSMA, n. g.

Thorax smooth. Antennæ in ♂ ciliated. Palpi moderately porrected, second joint triangularly scaled, terminal joint exposed, short. Abdomen with tufts of lateral hairs posteriorly. Forewings elongate, moderate, with raised scales; costa in ♂ with a patch of more or less curled hairs from base to middle, longer on basal half. Middle and posterior tibiæ roughly haired. All veins separate, 7 to termen. Hindwings with veins 3, 4, and 5 approximated at base; 6 and 7 separate.

Differs from *Acanthothyspoda* by hairy costa and separation of all veins.

Type *neurobapta*.

## E. NEUROBAPTA, n. sp.

♂, 14 mm. Head, palpi, antennæ, thorax, and abdomen pale-yellowish-ochreous. Abdomen orange-yellow, with tufts of long yellow hairs, placed laterally on posterior segments. Forewings elongate, moderate, costa gently arched, apex

rounded, termen rounded; costal hairs yellow; pale-yellow. darker towards base; all veins more or less outlined with ferruginous; basal patch obsolete; median patch ferruginous, rather obscure, edges irregularly waved, anterior edge from before middle of costa to middle of dorsum; posterior edge from  $\frac{2}{5}$  costa to beyond middle of dorsum; costal edge between posterior edge of median patch and apex with 4 or 5 equidistant ferruginous spots; a fine interrupted line of ferruginous along termen; cilia pale-yellow. Hindwings transparent; pale-greyish, sprinkled with yellow; all veins outlined with orange-yellow; dorsal hairs bright-orange-yellow; cilia grey-whitish, with a yellowish basal line.

Kuranda, Queensland. One specimen; in December.

LEPTARTHRA HEMICOSMA, n. sp.

♂, 12 mm. Head, face, and palpi bright-yellow, basal joint of palpi fuscous externally, crown fuscous-reddish. Antennæ fuscous-reddish. Thorax fuscous-reddish, patagia bright-yellow. Abdomen dark-fuscous. Legs fuscous, tarsi banded with whitish. Forewings elongate, moderate, costa gently arched, apex rounded, termen nearly straight; 3 from angle, 8 and 9 approximated at base; bright clear yellow, costa very finely strigulated throughout with reddish-fuscous; a large reddish-fuscous apical patch, occupying posterior  $\frac{2}{3}$  of wing, anterior edge limited by a curved fine waved fuscous line, from costa at  $\frac{3}{5}$  to dorsum beyond middle; within the patch are two or three short longitudinal streaks of paler and scattered fuscous strigulations; an interrupted blackish line along termen; cilia light-reddish-fuscous. Hindwings and cilia smoky-brown; cilia with a greyish basal line.

Very like some species of *Chrysoryctis* (*Tineidæ*). The approximation of veins 8 and 9 at base I regard as specific only; in all other respects it agrees with *Leptarthra*, Low.

Kuranda, North Queensland. Two specimens; in October (Dodd).

L. METALLOCOSMA, Low.

*Tortrix metallocosma*, Low.

Having obtained further specimens for examination I refer the above to *Leptarthra*.

DICHELIA LUNIFERA, n. sp.

♀, 10 mm. Head, palpi, and thorax reddish-fuscous, palpi whitish internally. Antennæ fuscous. Legs greyish, tibiæ and tarsi infuscated. Abdomen grey. Forewings elongate, moderate, costa gently arched, termen oblique: reddish-fuscous, somewhat coppery-tinged; some black scales along

costa: a somewhat lunate black mark in middle of wing; a few black scales along termen; cilia fuscous, mixed with coppery-reddish. Hindwings grey; cilia grey, with a pale-fuscous subbasal line.

This species may be an extreme form of *atrigrigana*, Meyr., but the ground colour of that is greyish-fuscous or dark-fuscous, without any coppery tinge, and the markings more complicated.

Broken Hill, New South Wales. One specimen; in November.

#### TORTRIX EUPECTRA, n. sp.

♂, 16-18 mm. Head and palpi dull-ochreous-fuscous, palpi paler beneath. Thorax grey, with four indistinct transverse fuscous lines. Antennæ fuscous. Anterior and middle legs greyish, posterior pair silvery-white, all tibiæ and tarsi banded with fuscous. Abdomen greyish-ochreous. Forewings elongate, moderate, costa gently arched, termen nearly straight; smoky-fuscous, more or less finely strigulated with darker; costa strigulated with short oblique white marks, arranged in pairs, the separation being effected by fine lines of ground colour, the one nearest apex is curved outwards and continued to middle of termen, where it meets a similar but narrower streak from costa beyond; outer edge of basal patch irregularly waved, from costa at  $\frac{1}{5}$  to dorsum at  $\frac{1}{3}$ ; a broad, fuscous, median patch, edges nearly straight; anterior from middle of costa to middle of dorsum, posterior from  $\frac{5}{6}$  costa to tornus, upper  $\frac{2}{3}$  much darker, and the 3 pairs of white costal marks within the patch, which are filled with leaden-metallic, are very oblique, and reach  $\frac{1}{2}$  across wing, touching each other at termination; ground colour between basal and median patch ochreous-whitish; an elongate streak of dull-ochreous-whitish above tornus; a somewhat rounded spot of similar colour just above, only separated by a bar of darker ground colour; a fuscous line along termen; cilia ferruginous, spotted with darker. Hindwings smoky-fuscous; cilia grey, with a fuscous line at base.

Brisbane and Mackay, Queensland. Two specimens.

#### GRAPHOLITHIDÆ.

##### PHRICANTHES MACROURA, n. sp.

♂, 18 mm. Head, palpi, and thorax whitish, palpi and thorax beneath white. Antennæ fuscous. Legs whitish, anterior and middle tarsi banded with fuscous. Abdomen fuscous. Forewings elongate, moderate, costa hardly arched, termen slightly oblique; 7 and 8 separate, both to costa;

white, with brownish-fuscous markings; costa obliquely strigulated throughout with short equidistant marks, posteriorly becoming better defined, the last six separated by whitish ground colour; a more or less interrupted blackish submedian longitudinal streak, darkest on basal third and edged below throughout by its own width with ferruginous-fuscous, extending from base to  $\frac{3}{4}$ , ground colour above whitish; a patch of pale-fuscous along termen, rather broad at apex, thence curved inwards and rapidly attenuated to tornus; an elongate blackish spot in patch above middle, edged above by a streak of whitish; a small blackish spot on termen above middle; several fine, somewhat dot-like transverse strigulae on posterior half of wing; a narrow fuscous shade along dorsum; cilia whitish, with a ferruginous median line and some scattered black points. Hindwings fuscous: cilia fuscous, with a paler basal line.

North Queensland. One specimen; in January.

*PALÆOBIA PELTOSEMA*, n. sp.

♀, 12 mm. Head, palpi, and thorax very pale-greenish-white, palpi beneath whitish. Antennæ pale-greenish-white, fuscous-tinged. Abdomen greyish-fuscous. Legs whitish, anterior and middle tarsi banded with fuscous. Forewings elongate, moderate, costa hardly arched, termen rather strongly sinuate beneath apex, apex somewhat produced; pale-greenish-white, finely strigulated throughout with light-fuscous, paler towards base of costa; costa obliquely strigulated with short fuscous marks; a rather large triangular fuscous patch on costa, extending from just beyond middle and continued nearly to apex, apex of patch reaching nearly  $\frac{3}{4}$  across wing; in the patch are 4 or 5 small oblique pairs of whitish marks; a fine fuscous, interrupted line along termen; cilia greyish-fuscous, with a sharp tooth of fuscous at apex, being the continuation of the triangular patch. Hindwings thinly scaled; pale-fuscous: cilia grey, with a fuscous sub-basal line.

Mackay, Queensland. One specimen: in November.

*STREPSICEROS LASIOPHORA*, n. sp.

♂ ♀, 16 mm. Head, palpi, antennæ, and thorax dark-brownish-fuscous, palpi paler internally and beneath. Abdomen pale-fuscous. Anterior and middle legs fuscous, tarsi banded with white, posterior legs whitish, banded with fuscous. Forewings elongate, moderate, rather narrow, termen nearly straight, hardly oblique. Costal fold of ♂ rather broad, extending from base to near middle, and containing a large tuft of ochreous wool-like hairs: brownish-fuscous,

darker in ♂, and irrorated with dull leaden metallic scales, more or less arranged in transverse series; costa shortly and obliquely strigulated with dark-fuscous; various irregular dark-fuscous transverse lines; an irregular patch of pale-fuscous in middle of wing (absent in ♀); a somewhat triangular patch of dark-fuscous on dorsum near tornus; a small fuscous spot on costa near apex, from which proceeds a narrow waved transverse line of same colour to dorsum, at tornus edged on either side by a dull leaden metallic line; a second, similar, but more distinct waved line, from a fuscous spot at apex, along termen; cilia dark-fuscous on upper  $\frac{2}{3}$ , pale-fuscous below, mixed throughout with leaden metallic points. Hindwings 3 and 4 stalked, 5 widely remote from 4; 6 and 7 separate; thinly scaled, fuscous, paler towards base.

Very closely allied to *Macropetana*, Meyr., but apparently distinct by the large costal tuft and absence of three sharply-defined black streaks above tornus, which are rarely absent in that species.

Townsville, Queensland. Five specimens; in March (Dodd).

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